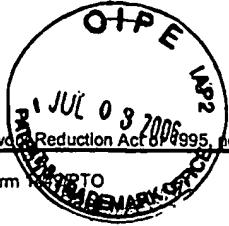


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1

of 5

Complete if Known

Application Number	10/737,251
Filing Date	December 15, 2003
First Named Inventor	Maliga et al.
Art Unit	1638
Examiner Name	Anne R. Kubelik
Attorney Docket Number	1594-RUT.03-083US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AK	A1	US- 6,987,215	01-17-2006	Maliga	
	A2	US- 6,624,296	09-23-2003	Maliga	
	A3	US- 6,472,586	10-29-2002	Maliga	
	A4	US- 6,388,168	05-14-2002	Maliga	
	A5	US- 6,376,744	04-23-2002	Maliga	
↓	A6	US- 6,297,054	10-02-2001	Maliga	
	A7	US- 5,545,818	08-13-1996	McBride	
AK	A8	US- 5,451,513	09-19-1995	Maliga	
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FOREIGN PATENT DOCUMENTS

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Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/737,251
(Use as many sheets as necessary)				Filing Date	December 15, 2003
				First Named Inventor	Maliga et al.
				Art Unit	1638
				Examiner Name	Anne R. Kubelik
Sheet	2	of	5	Attorney Docket Number	
1594-RUT.03-083US					

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
AK	C1	TOZAWA, Y., et al., "Nuclear encoding of a plastid sigma factor in rice and its tissue- and light-dependent expression," Nuc. Acids Res., 26:415-419, (1998).			
	C2	TAN, S., et al., "Characterization of two chloroplast RNA polymerase sigma factors from Zea mays: photoregulation....," Proc. Natl. Acad. Sci. USA, 96:5316-5321, (1999).			
	C3	SVAB, Z., et al., "High-frequency plastid transformation in tobacco by selection for a chimeric aadA gene," Proc. Natl. Acad. Sci. USA, 90:913-917, (1993).			
	C4	SUN, E., et al., "In vitro analysis of the pea chloroplast 16S rRNA gene promoter," Mol. and Cell. Biol., 9:5650-5659, (1989).			
	C5	STRITTMATTER, G., et al., "Identification of an rRNA operon promoter from Zea mays chloroplasts which excludes the proximal....," EMBO J., 4:599-604, (1985).			
	C6	STAUB, J.M., et al., "Accumulation of D1 polypeptide in tobacco plastids is regulated via the untranslated region....," EMBO J., 12:601-606, (1993).			
	C7	SRIRAMAN, P., et al., "The phage-type PclpP-53 plastid promoter comprises sequences downstream of the transcription initiation site," Nuc. Acids Res., 26:4874-4879, (1998).			
	C8	SRIRAMAN, P., et al., "Transcription from heterologous rRNA operon promoters in chloroplasts reveals requirement for specific....," Plant Physiol., 117:1495-1499, (1998).			
↓	C9	SHIIINA, T., et al., "rbcL transcript levels in tobacco plastids are independent of light: reduced dark transcription rate is....," Plant Cell, 10:1713-1722, (1998).			
AK	C10	ROSS, W., et al., "E. coli Fis protein activates ribosomal RNA transcription in vitro and in vivo," EMBO J., 9:3733-3742, (1990).			

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			Filing Date	December 15, 2003	
			First Named Inventor	Maliga et al.	
			Art Unit	1638	
			Examiner Name	Anne R. Kubelik	
Sheet	3	of	5	Attorney Docket Number	1594-RUT.03-083US

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AK	C11	OROZCO, E.M., et al., "An in vitro system for accurate transcription initiation of chloroplast protein genes," Nuc. Acids Res., 13:1283-1302, (1985).		T ²
	C12	LIERE, K., et al., "In vitro characterization of the tobacco rpoB promoter reveals a core sequence motif conserved between phage-type plastid...," EMBO J., 18:249-257, (1999).		
	C13	LAHIRI, S.D., et al., "Complementary expression of two plastid-localized sigma-like factors in maize," Plant Physiol., 123:883-894, (2000).		
	C14	KIM, M., et al., "Detailed architecture of the barley chloroplast psbD-psbC blue light-responsive promoter," J. Biol. Chem., 274:4684-4692, (1999).		
	C15	KIM, M., et al., "Identification of a sequence-specific DNA binding factor required for transcription of the barley chloroplast...," Plant Cell, 7:1445-1457, (1995).		
	C16	KESTERMANN, M., et al., "Sequence and expression characteristics of a nuclear-encoded chloroplast sigma factor...," Nuc. Acids Res., 26:2747-2753, (1998).		
	C17	JOLLY, S.O., et al., "Preferential transcription of cloned maize chloroplast DNA sequences by maize chloroplast RNA polymerase," Proc. Natl. Acad. Sci. USA, 77:822-826, (1980)		
	C18	ISONO, K., et al., "Leaf-specifically expressed genes for polypeptides destined for chloroplasts with domains of...," Proc. Natl. Acad. Sci. USA, 94:14948-14953, (1997).		
	C19	IRATNI, R., et al., "Organ-specific transcription of the rrn operon...," J. Biol. Chem., 272:13676-13682, (1997).		
AK	C20	HIRVONEN, C., et al., "Contributions of UP elements and the transcription factor FIS to expression from the seven rrn P1 promoters...," J. Bact. 183:6305-6314, (2001).		

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		Filing Date	December 15, 2003
		First Named Inventor	Maliga et al.
		Art Unit	1638
		Examiner Name	Anne R. Kubelik
Sheet	4	of	5
		Attorney Docket Number	1594-RUT.03-083US

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AK	C21	HAKIMI, M-A., et al., "Evolutionary conservation of C-terminal domains of primary sigma 70-type...," J. Biol. Chem., 275:9215-9221, (2000).	
	C22	GRUISSSEM, W., et al., "Analysis of promoter regions for the spinach chloroplast rbcL, atpB and psbA genes," EMBO J., 4:3375-3383, (1985).	
	C23	EISERMANN, A., et al., "In vitro transcription and DNA binding characteristics of chloroplast and etioplast extracts from mustard...," EMBO J., 9:3961-3987, (1990).	
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	C25	CHUN, L., et al., "Phytochrome A mediates blue light and UV-A-dependent chloroplast gene transcription in green leaves," Plant Physiol., 125:1957-1966, (2001).	
	C26	CHAN, C.L., et al., "The anti-initial transcribed sequence, a portable sequence that impedes promoter escape...," J. Biol. Chem., 276:38201-38209, (2001).	
	C27	BLIGNY, M., et al., "Regulation of plastid rDNA transcription by interaction of CDF2 with two different RNA polymerases," EMBO J., 19:1851-1860, (2000).	
	C28	BAUMGARTNER, B.J., et al., "Plastid genes encoding the transcription/translation apparatus are differentially...," Plant Physiol., 101:781-791, (1993).	
AK	C29	ALLISON, L.A., et al., "Deletion of rpoB reveals a second distinct transcription system in plastids of higher plants," EMBO J., 15:2802-2809, (1996).	
AK	C30	ALLISON, L.A., et al., "Light-responsive and transcription-enhancing elements regulate the plastid psbD core promoter," EMBO J., 14:3721-3730, (1995).	

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Sheet	4	of	5
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AK	C31	AIYAR, S.E., et al., "Upstream A-tracts increase bacterial promoter activity through interactions with...," Proc. Natl. Acad. Sci. USA, 95:14652-14657, (1998).		
AK	C32	MANNA, F., et al., "A tRNA gene mapping within the chloroplast rDNA cluster is differentially expressed during the development...," Nuc. Acids Res., 22:1712-1718, (1994).		

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